

Gutierrez-Integrating Earth Observations for biodiversity decisions



Victor Hugo Gutierrez-Velez¹, Maria C. Londoño², Wilson Lara¹, Ivan Gonzalez, Daniel Lopez², Erica Suarez², Jeronimo Rodriguez¹

¹ Temple University, ² Institute von Humboldt

- 1. We present an integrated system that harnesses the potential of national and global Earth Observation products to inform decisions on biodiversity management and planning.
- 2. The system combines:
 - a cloud data catalog and processing infrastructure that harmonizes both national and global products to produce SBI derived from EBVs.
 - a user-friendly **graphical interface** that assists decision-makers and other relevant stakeholders to retrieve spatial EBV products and indicators.
 - a suite of **software applications** that streamlines the production of workflows and new spatial data products with the potential to further expand the functionality of the system.
- 3. The system allows for scalability as new data and applications are developed and also portability that makes it adaptable to other other BONs worldwide.

